

**Synthesis and Study of Electrophysical
Properties of Silicon and Germanium
Phthalocyanines**, by E. A. Chistyakov.
RUSSIAN, *Dokl. Akad. Nauk SSSR*, Phys. Chem.,
Vol. 124, No. 2, Nov '70, pp 114-117.
14

Phase Equilibrium and Superconductivity in
the $V_3Al - V_3Sn$ System, by
V. N. Alekseyevskii,
RUSSIAN, paper, Dokl Akad Nauk SSSR, China Tech,
Vol 195, No 2, Nov 70, pp 111-118.
CIB

Aug 71

The Late Caledonides in Central Mongolia, by
M. B. Byambaa.
IZVESTIYA, per, Dok Ak Nauk SSSR, Ser Sci., Vol 195,
No 2, 1970, pp 421-425.
ACR

Jan 72

The Diamond Potential of the Dnieper Range,
by K. K. Lavashov.
RUSSIAN, per, Izv. Ak. Nauk SSSR, Ser. Sci., Vol 195,
No 2, 1970, pp 126-128.
ACR

Jan 72

Relationship Between the Depth to the Top of the
Consolidated Crust and to the Mohorovicic Surface
in Seas and Oceans, by A. P. Vilashin.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 1-5,
No 2, 1970, pp 129-130.
AMIX

Jan 74

New Data on the Tithonian of the Northeastern
Caucasus, by A. S. Sakharov.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 2, 1970, pp 131-133.
ACCT

Jan 72

Relationship Between the X-Ray Constants of
Columbite and Composition, by A. I. Korakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Far Sci., Vol 195,
No 2, 1970, pp 434-436.
JACL

Jan 72

New Data on Stantienite, by S. S. Savkevich.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 2, 1970, pp 437-440.
ACR

Item 72

Fraction of Ultramafic Xenoliths at High Pressures,
by Ya. B. Genshaft,
RUSSTAN, par, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 2, 1970, pp 441-443.
ACIL

Jun 72

Study of Devonian Reservoir Rocks From the Vol-
Gograd (On the Right Bank of the Volga) District
With a Scanning Electron Microscope, by
B. G. Shukisyan.
RUSSIAN, per, Dok. Ak. Nauk SSSR, Ear. Sci., Vol 195,
No 2, 1970, pp 111-117.
JAEI

Jan 78

Biogeochemical Dispersion Haloes of Chalcophile
Elements on Nagai'nyy Ridge (Donbas), by
A. G. Dvornikov.
RUSSIAN, per, Dok. Ak. Nauk SSSR, Far Sci., Vol 195,
No 2, 1970, pp 148-150.
JACH

Jan 72

Regional Extent of Rinneite, by A. S. Kolosov.
RUSSIAN, per, Dok Ak Nauk SSSR, Eng. Sec., Vol. 196,
No. 1, 1971, pp. 151-153.
JACIX

Doc 72

Lead Isotopes of Donbas Ore Deposits, by
D. S. Pichov.

RUSSIAN, per, Dok Ak Nauk SSSR, Enr Sci., Vol 195,
No 2, 1970, pp 154-155.
ACH

Jan 72

Abundance and Some General Geochemical Features
of Gold in Bauxite (As Shown by Neutron Activation
Analysis), by V. A. Tanyakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Ser. Khim. Nauk, 1971,
No. 1, pp. 156-159.
NCIX

Sept. 72

Hydrogeochemical Classification of Minor, Rare
and Trace Elements in Terms of Supergene Mobility,
by A. H. Chernyayev.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol. 145,
No. 2, 1970, pp. 420-423.
JGIL

Chart 72

Mantillado With an Intricately Dissected Suture
Name, by Yu. V. Arkhipov.
RUSSIAN, par, Dok Ak Nauk SSSR, Est Sci., Vol 195,
No 2, 1970, pp 164-166.
NII

Jan 72

Scanning Microscopic Morphology of Sheathing
Trichomes, in Verbascum thapsus L., by
E. A. MILONLAVOV.

RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci,
Vol 195, No 2, Nov 70, pp 457-458.
CD

Aug 71

Neo-Hittitism and the Restoration of Canaanite
to the Land by Various Hittite and Canaanite
pols 1-12, by A. F. Pothov.

RUSSIAN, per, Dr. A. F. Pothov, Dr. A. F. Pothov,
Vol 195, No 2, Nov 1970, pp 14-17.
(U)

Page 71

Immunomorphologic Reactions in Neurotransplantation
of Preserved Brain, by M. M. Anteknovich,
RUSSIAN, par. 24, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51,
Vol 105, No 2, Nov 1970, pp 172-176.

Page 77

Electrochemical Injection of Charges into Bi-
molecular Liquid Membranes, by L. K. Bagdasaryan.
RUSSIAN, per, Zh. Fiz. Khim., 1970, Vol 44, No 2, Nov 1970, pp 187-190.
GB

44 711

Report of the Ray-Induced Single Strands in DNA
Strands by Polynucleotide Ligases in Vitro, by
A. I. Olovov.

RUSSIAN, poor, English, Russian, English, Russian,
Vol 195, No 2, Nov 1978, pp 179-182.
OH:

July 71

A Complex of Functionally Inhibitory
Transketolase and Glyceraldehyde Phosphate Dehy-
drogenase, by G. A. Kochetov.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol 195,
No 2, Nov 1970, pp 483-485.
(E)

July 71

Study of the Elements of the (Soviet) Model of
Neuroscience, by I. A. Neustrova.
REUSSIAN, per, Nat. Acad. Sci., Moscow, Vol. 45,
No 2, Nov 1970, pp 155-161.
CB

July 71

Accuracy of the Work of Biochemists from Micro-
scopic Investigations Participating in Investigation
of Cases of Pyridoxine Deficiency from the
V. P. Pavlovsk.

RUSSIAN, per, Lab. of Microbiology, Vol. 106,
No 2, Nov 1970, pp 109-112.
QB

100000 000

Changes in Concentration of Free Amino Acids of
Tissues of the Mussel *Mytilus edulis* as a Function
of Salt Content of the External Medium, by
V. V. Kolesnikov.

RUSSIAN, per, Brit. J. Zool., 1970, Vol 195,
No 2, Nov 1970, pp 193-195.
(2)

July 71

Automatic Activity of Myocardial Fibers Initiated
by Changes in Ionic Membrane Conductivity, by
Academician S. A. Dzhuravskii.

RUSSIAN, per, Dokl. Ak. Nauk. (Sov. J. Sci.),
Vol 195, No 2, Nov 1970, pp 156-158.

CH

Activity of Lysosomal Enzymes of the Myocardium
During Cardiac Infarction and Adaptation to
Altitude Hypoxia, by F. L. Hozier.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Ser. Biol.,
Vol 195, No 2, Nov 1970, pp 409-412.

(CB)

71

Localization of Invertebrates in the Tarsal Cell and
The Peripheral Nigrosive Cavity, by N. N.
Mityushova.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, 1970, Vol. 2, No. 2, Nov 1970, pp 503-506.

(2)

71

**Liquid Microclimates in Tissues of the Internal
Organs of Animals as a Function of the Degree
of Vascularization of Respiratory Organs, by
V. G. Panteleiko.**

**RUSSIAN, per, Dokl. Ak. Nauk. SSSR, Biol. Nauk,
Vol 195, No 2, Nov 1970, pp 587-589.
CU**

Page 70

Life Cycle of the Kamaboko Serjundillan
Mordvinov, 1965, by V. A. Tikhonova.
RUSSIAN, par, Dokl. Akad. Nauk SSSR, Biol. Ser.,
Vol 195, No 2, Nov 1970, pp 510-511.
[REDACTED]

Page 71

Differential Human with Incomplete Information,
by L. A. Petrovskiy, 6 pp.
RUSSIAN, per, Enslaved Abolition, Amur 1958, Moscow,
Vol 195, No 3, 1970, pp 551-561.
JPRS 52211

Sol Bath and Keta Free
Feb 71

ESR Spectrum of Cu(II) in Calcium Phosphate Glasses,
by L. P. Bogdanova.

RUSSIAN, per. Dokl. Ak. Nauk SSSR, Ser. Khim., Vol 195,
No 3, Nov 1970, pp 577-580.

An Inst. of Phys

Vol. 15, No 11, May 1971

June 71

Kinetic Theory of Gases With Rotational Degrees
of Freedom, by L. G. Aleksandrov.
RUSSIAN, per. Dokl. Akad. Nauk SSSR, vol. 245,
No. 3, Nov 1970, pp 501-504.
Am Inst of Phys
Vol 15, No 11, May 1971

June 71

Effect of Anharmonicity on the Relaxation Time
for the Adiabatic Excitation and Ionization of
Molecular Vibrations, by A. A. Kabanov.
Sov. Phys. Dokl., 1970, No. 11, pp. 509-510.
Sov. Phys. Dokl., 1970, No. 11, pp. 509-510.
Ann. Inst. of Phys.
Vol. 15, No. 11, May 1971

June 71.

Dark Broadening of the Hydrogen Spectral Lines
in Starburst Plasma, by G.V. Shelin.
RUSSIAN, 200. 1984, 12, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841

RUBENAS, per, Lohik. Suom. Suomal. 1970, pp 582-592.

Am Inst of Phys
Vol 25, No 11, May 1971

June 71

Synthetic Diamond - A Material for High-Pressure
(Megabar) Chambers, by L. F. Verwey.
RUSSEIAN, per. Dok Ak. Nauk, USSR, vol 195,
no 3, Nov 1970, pp 597-598.
An Inst of Phys
vol 15, Hall, May 1971

June 71

The Determination of Short-Range Order in Martensite
in High-Carbon Manganese and Chromium Steels, by
G. V. Kurdymov.
RUSSIAN. paper, DOKL. AK. NAUK. SSSR. Ser. FIZIK., Vol 195,
No 3, Nov 1970, pp 95-99.
An Inst. of Phys
Vol 115, No 11, May 1971

Page 172

Kinetics of Elimination of Carbon From
O₂-Saturated Metal Melts Under Vacuum,
by A. Gualletti.

RUSSIAN, per, Dok Ak Nauk USSR, Phys Chem,
Vol 195, No 3, Nov 70, pp 1525-1527.
GB

Aug 71

Conversions of Hexenes and Hexadienes

by Vanadium and Chromium Complexes.

by A. E. Kropacheva.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem,

Vol 195, No 3, Nov 70, pp 620-621.

CB

Aug 71

Chemical Polarization of the ^{13}C Carbon
Nuclei in the Decomposition of Some
Organic Peroxides, by E. T. Denisov.
RUSSIAN, per, Dok Ak Nauk USSR, Phys. Chem.
Vol 100, No 2, Nov 70, pp 32-37.
CB

Aug 71

Thermal Conditions for the Combustion of
Saturated Chlorine-Containing Systems, by
A. S. Mal'tseva.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem,
Vol 195, No 3, Nov 70, pp 636-644.

CF

AUG 71

Kinetics and Reaction Mechanism of the
Homogeneous Polyhydrogenation of Ethylbenzene
with the Participation of Hydrogen Peroxide,
by M. F. Maglov.

Russian, per, Dok Ak Nauk SSSR, Phys Chem.
No. 195, No 3, Nov 70, pp 600-605.

CH

Radiation Breakdown in Selenates of
Divalent Metals, by Vikt. I. Solitsyn.
RUSSIAN, per, Dok Ak Nauk SSSR, "Eko Chem."
Vol 195, No 3, Nov 70, pp 613-615.
CP

Aug 71

Temperature Dependence of the Magnetic
Susceptibility of Complexes with Three
Nonequivalent Interchangeably Bound
Paramagnetic Ions, by B. S. Zaslavskii.
RUSSIAN, per, Dokl Ak Nauk SSSR, Phys Chem,
Vol 195, No 3, Nov 70, pp 646-649.
CB

44: 71

Toward the Theory of Pulse Radiolysis in
an Electric Field, by A. A. Chumachenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys, Chem,
Vol 195, No 3, Nov 70, pp 650-654.
CB

Aug 71

Dependence of the Quantity of Toxic
Substances Discharged by an Internal-
Combustion Engine With Perceol Ignition on
the Method of Removing Crankcase Gases,
by L. L. Varnhavskii.
RUSSIAN, per, Dokl Akad Nauk SSSR, Chem Tech,
Vol 195, No 3, Nov 70, pp 656-657.
CR

Possibility of Extending the Theory of
Dynamic Sorption to Calculation of the
Clarification of Water by Granular Filters.
by E. V. Venitsianov.
INVESTIAN, part, Dokl Ak Nauk SSSR, Chem Tech,
Vol 195, No 3, NOV 70, pp 658-661.
CD

Aug 72

Physicochemical investigation of the
Reduction of Molten Phosphoric Acid, by

S. I. Vol'kovich.

RUSSEAN, per, Dok Ak Nauk SSSR, Chem Tech,
Vol 195, No 3, Nov 70, pp 662-665.

CU

The Question of Wear, by A. A. Polynakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech.
Vol 19, No 3, Nov 70, pp 566-575.
CB

Aug 71

Relationships Between Wenden and Lower Cambrian
Sediments of Different Structural Facies Zones the
Eastern Part of the Hobso Gol Region (Mongolian
People's Republic), by Zh. Byamba.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 3, 1970, pp 669-671.

ACH

Jan 72

Range, Characteristic Fossils and Age of the
Bryunovka Suite, Kamchatka, by Yu. G. Drushchits.
RUSSIAN, per, Dok. Ak. Nauk SSSR, Far Sci., Vol 195,
No 3, 1970, pp 672-675.
ANEX

Jan 72

The Akbaitau-Kusmaurum Caldera, Central Kazakhstan,
by A. D. Ealipov.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 3, 1970, pp 676-679.

AMI

JAN 72

Salix humularia Anderss. From Late Glacial
Quaternary Sediments of the European Part of
the USSR, by T. D. Kolesnikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 3, 1970, pp 680-681.
ACM

Jan 72

New Data on Dissociation Textures in Magnetite
From the Kovdor Deposit, by V. S. Gaydukova.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 3, 1970, pp 682-685.
ACNT

Jan 72

Electron Paramagnetic Resonance of Mn^{2+} in
Hydroxyl Group Bearing Apatite, by
L. G. Gellinskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci. Vol 195,
No 3, 1970, pp 686-688.
AUG.

Jan 72

Electron-Diffraction Study and Polytypism of
Rbistodite, by Yu. M. Karolev.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 3, 1970, pp 689-692.
ACRL

Jun 72

Kuntelits From a Quartz Gold-Silver Ore Occurrence
in the Maramazar, by N. N. Koroleva.
RUSSIAN, par, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 3, 1970, pp 693-695.
AMEX

Jan 72

Composition, Genesis and Secondary Mineralization
of Rocks of the Kurganskaya Suite, Southern
Kazakhstan, by M. N. Il'inskaya.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 3, 1970, pp 696-699.
A133

Jan 72

Mineral Assemblages of Riphean and Wendian
Terrigenous Sediments in the Southeastern Part
of the Siberian Platform, by E. N. Savvin (prov.
RUSSIAN, per. Dokl. Ak. Nauk SSSR, 1970, No. 1,
pp. 700-703.
JCH

Jan 72

High-Pressure Extraction of Iron From Dolerite
By Hot, Concentrated Chloride Solutions, by
D. I. Pavlov.

RUSKILAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 1, 1970, pp 704-706.

ACEL

Doc 72

Duplication and Polymerization of Isotactic Polyhydro-
genase Oases in Pacific Salmon, by Dr. P. A. Ishikawa.

RESEARCH, part, Book, Series, High School,
Vol 105, No 3, Nov 1970, pp 74-75.

CH

Aug 77

Antibody Synthesis in Lymphoid Cells Following
Immunization with Two Viral Antigens, by

A. V. Fayval 'stagn.

RUSSIAN, per, Dok Ak. Nauk SSSR, Biol. Sci.,

Vol 85, No 3, Nov 1970, pp 719-721.

CIE

71

Detection of Optical Anisotropy of Polymers
in the Infrared Region, by N. Ya. Voznesenskiy.

RUSSIAN, per, Zhurnal Khimicheskoi Fiziki
Vol 44, No 3, Nov 1970, pp 22-24.

31

July 71

Low-Temperature Flare-Ups of Photoperiodic
Influences of Plants, by B. B. Rikhsanov.
HEIKKANEN, per. Dok. Ak. Nauk SSSR, ~~1970~~, ~~1971~~,
Vol. 195, No. 3, Nov 1970, pp. 115-117.
(U)

Presence of 6-Hydroxyandroporphine in HLA of the
Pangos HLAor HLAHLA, by Ia, I. Bur'yannov.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol 195,
No 3, Nov 1970, pp 128-130.
128

July 77

Photooxidation of Theophyllin, Coupled with Disaggregation of the Longwave Form of the Pigment, by L. M. Vanch'eva.

RUSSIAN, per, ~~Int. J. Pharm.~~ ~~Pharmazie~~, Vol 195, No 3, Nov 1970, pp 730-731.

CH

July 71

Investigation of the Specificity of Phenylalanyl-
tRNA-Synthetase From *Escherichia coli* HED-600
With Respect to Fluorinated Analogs of Phenyla-
lanine, by D. G. Morre.

RUSKIN, per, Int. J. Pept. Res., Vol 195,
No 3, Nov 1970, pp 735-737.

DB

July 71

Mechanism of the Activating Influence of Calcium
on Baker's Yeast Transglutaminase, by G. A. Kochetov.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Moscow, Vol 195,
No 1, Nov 1970, pp 730-733.
GB

20, 71

Effect of Thyroxine in Vitro on Structure and
Function of Mitochondria of Thyroid and Liver,
by Im. Kh. Turakulov.
RUSSIAN, per, Akademiya Nauk SSSR, Doklady, Vol 125,
1970, pp. 740-742. *Encl.*
NPO-71-16295-06P

C 13

Jan 72

Study of the Biosynthesis of Ispantonic Acid
Compounds in Chloroplasts in Vivo, by
Y. S. Chigiray.
RUSSIAN, per, ~~Int. J. Plant Physiol.~~ ~~Int. J. Plant Physiol.~~, Vol 19,
No 3, Nov 1970, pp 153-165.
(12)

**Arrhythmogenic Function in the Myocardium and
The Participation in Inhibition of Intrinsic
Cardiac Ventricular Activity Determined by High
Frequency of Ventilation, by
Academician R. B. Belokob.**

**RUSSIAN, per, Dok. Ak. Nauk. SSSR, 1970, No. 3,
Vol. 155, No. 3, Nov 1970, pp 961-963.
GB**

Doc 71

Seasonal Alterations of the Blood Corticosterone
Level in Animals Kept in Groups and Isolation, by
E. V. Kuznetsov.

RUSSIAN, per, ~~Int. J. Comp. Pathol.~~
Vol 195, No 3, Nov 1960, pp 191-194.
C1)

Int J

Investigation of the Plastic Zone in the Presence
of an Aftereffect for Some Bodies with Central
and Axial Symmetry, by N. I. Mosonidze.

RUSSIAN, per, ~~Int. J. Eng. Sci.~~ ~~Vol. 9, No. 3, 1971~~,
Vol. 9, No. 1, Dec 1971, pp. 20-31.

An Inst. of Phys

Vol. 15, No. 12, June 1971

July 71

Arranging Method for Rectangular Waves, by
L. A. Chubrovskii.

J. A. Chabrowski, Jr.

Wint. 195, No 4, Dec 1970, pp 681-688.

Wint. 195, No 4, Dec 1910, pp 80, 86.

San Francisco, California

Vol. 15, No. 12, June 1971

1992

Motion of an Interface Between Two Phases in
Superconducting Thin Films, by R. A. Vellazquez.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Sov. Phys.
Vol 15, No 4, Dec 1970, pp 807-810.
An Inst of Phys
Vol 15, No 12, June 1971

July 71

A Property of the Shock Compressibility of
Quartzite, by A. H. Pechurov.

RUSSIAN, per, Int. Ak. Nauk. SSSR, (Int. Phys.),
Vol. 19, No. 4, Dec 1970, pp 811-813.

Am Inst of Phys

Vol. 15, No 12, June 1971

July 71

Certain Applications of Special Coordinate Condi-
tions in Einstein's Theory of Gravitation, by
M. P. Shirokov.

RUSSIAN, per, ~~Engl. Ab. J. (1970)~~, ~~Phys. Rev.~~
Vol 195, No 1, Dec 1970, pp 811-817.

Am Inst of Phys

Vol 15, No 12, June 1971

July 71

Theory of Ferrimagnetic Resonance in a Thin
Magnetic Film with Positive and Negative Aniso-
tropy, by Ya. V. Kozlov.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Ser. Fiz. Mat.,
Vol. 195, No. 4, Dec 1970, pp 618-620

An Inst of Phys

Vol. 15, No. 12, June 1971

July 71

Electrostatic Behavior of the Mineral Stibio-
tantalite, by E. A. Boudreau.
MINERALOGY, part 1, 1971, No. 1, p. 1-10, 10 figs., 10 refs.
Vol. 19, No. 1, Nov 1970, pp. 1-10.
As part of file
Vol. 5, No 12, June 1971

July 71

A Study of Electron-Photon Processes in the
Crystal + Hd^{3+} System, by A. A. Kaminskii.
RUSSIAN, per, Sov. J. High. Press., Vol 195,
No 4, Dec 1970, pp 827-830.
Am Inst. of Phys
Vol 15, No 12, June 1971

July 71

Theorem for the Decoding of a Vocoder System With
a Single Peak of Multiplicity m (General Case,
Fedorov Group P1), by L. A. Isaev.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol. 195,
No. 4, Dec 1970, pp 831-833.
An Inst of Phys
Vol. 15, No 12, June 1971

July 71

I. E. Illichev

On the Chemical Stability of Pyridylethylated
Amines and Mercaptans.

RUSSIAN, per, Akademiya Nauk SSSR, Doklady, Vol 195,
1970, pp 845-847
NTC 72-13412-07C

Oct 72

Chemical Nuclear Polarization; Quantitative
Measurements of Nuclear Polarization, by
A. L. Buchachenko.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 195,
No 4, Dec 1970, pp 872-874.
CB

Sept 71

Nature of Free Polycarbonate Radicals Photoinduced
in the Presence of Ferric Chloride, by E. Ya. Davydov.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 195,
No 4, Dec 1970, pp 875-878.

CHB

Sept 71

Model For the Biological Fixation of Nitrogen.
Catalytic N_2 Reduction in Protonic Media, by

N. T. Denilov,

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 195,
No 4, Dec 1970, pp 879-881.

CB

Sept 71

Interaction of Diazoacetone With DNA Bases, by
M. V. Lishina.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 195,
No 4, Dec 1970, pp 882-884.

CB

Sept 71

Dependence of the Rate Constant for the Reaction
of a Radical With Molecules on Their Ionization
Potentials, by V. A. Poluektov.

RUSSIAN, per, Dokl. Akad. Nauk SSSR, Phys. Chem. Vol 19*,
No 4, Dec 1970, pp 889-892.

CP

Sept 71

Mechanism of Electrostatic Spraying of Liquids,
by S. I. Popov,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem. Vol 195,
No 4, Dec 1970, pp 893-895.
CB

Sept 71

Mobility and Field of Charged Particles
on Pulse Radiolysis of Crystalline
Benzenes.

RUSKIAN, per, Dok Ak. Nauk SSSR, Phys. Chem. Vol 195,
No 4, Dec 1970, pp 896-897.

CB

Sept 71

Kinetic Method for Quantitative Determination of
Rare Earth Elements in Mixtures, by Academician
K. N. Tetsimirekii,
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Chem, Vol 195,
No 4, Dec 1970, pp 898-899.
CIB

Sept 71

Solubility of Oxygen in Melts of High-
Carbon Iron, by O. V. Zav'yulov.
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech.
Vol. 195, No 4, Dec 70, pp 908-912.
CD

71

Possibility of Achieving Film-Type Kinetics
in the Process of Sorption of Ions of
Organic Substances, by G. V. Samsonov.

RUSBIAT, ser, Dok Ak Nauk SSSR, Chem. Sect.
Vol. 126, No. 4, Dec 70, pp 223-225.
CE

G. V. Samsonov

ms 71

New Data on the Cambrian Stratigraphy of Western
Latvia, by A. P. Birkis.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 4, 1970, pp 907-910.
ACIK

Jan 72

Age of the Basement of the Stavropol' arch,
Central Ciscaucasia, as Shown by Geophysical
Surveys, by R. F. Volodarskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 1, 1970, pp 911-914.
JCE

Jan 72

Old Metamorphosed Weathered Gneiss of Igneous
Rocks of the Krivoy Rog Basin, by Yu. G. Gershteyn.
EXTENSION, per, Dok Ak Nauk SSSR, Earth Sci., Vol 145,
No 4, 1970, pp 915-918.
AGI

Jan 72

Age of Rich Hematite Ores of Precambrian Iron
Formations and the Physicochemical Conditions of
Precambrian Weathering, by N. A. Kornilov.
RUSSIAN, par, Dok Ak Nauk SSSR, Ear Sci., Vol 195,
No 4, 1970, pp 919-922.
ACIX

Jan 72

Sediments of the Staryy Oskol Horizon in the
Kondopets Depression, by R. M. Pistrak.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 4, 1970, pp 923-924.
AGE.

Jan 72

The Theory of Gravity Tectonics at Depth, by
A. I. Rybin.
RUSSIAN, per, Dok Ak Nauk SSSR, Ser Sci., Vol 195,
No 4, 1970, pp 925-928.
JCH

Jan 72